भारतीय मानक

Indian Standard

IS 18151 : 2023

ड्राइव-अवे-चेसिस कॉन्फ़िगरेशन/वाहनों के लिए अस्थायी केबिन की आवश्यकताएं

Requirements of Temporary Cabin for Drive-Away-Chassis Configuration/Vehicles

ICS 43.040.60

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April 2023 **Price Group 3**

Automotive Body, Chassis and Accessories Systems Sectional Committee, TED 06

FOREWORD

This Indian Standard was adopted by Bureau of Indian Standards, after the draft finalized by the Automotive Body, Chassis and Accessories Sectional Committee had been approved by the Transport Engineering Division Council.

This Indian Standard has been formulated to lay down the guidelines for fitment of temporary cabin for transportation of drive-away-chassis configuration of vehicles from premises of original equipment manufacturers to premises of body builders, in accordance with the rulings of human rights commission for protection of drivers of such drive-away-chassis vehicles from inclement weather and climatic conditions.

Formulation of this Indian Standard has been undertaken to harmonize it with AIS 070. In the formulation of this standard, assistance has been derived from:

AIS 070 Requirements of Temporary Cabin for Drive-Away-Chassis Configuration Vehicles

In case of any variance between the *Standard and Central Motor Vehicles Rules*, 1989, latter shall prevail.

The composition of the Committee responsible for the formulation of this standard is listed in Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of test or analysis, shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

REQUIREMENTS OF TEMPORARY CABIN FOR DRIVE-AWAY-CHASSIS CONFIGURATION/VEHICLES

1 SCOPE

This standard applies to all vehicles of M and N category, which leave the factory premises for body building in a drive-away-chassis configuration, on road, whenever and wherever, by its own wheels using own power.

This standard does not apply to drive away chassis that are transported from the factory premises for body building, on a trailer or any other mode of transportation.

2 REFERENCES

The following standards contain provisions which through reference in this text, constitute provision of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

IS No.	*Title*
IS 14272 : 2011	Automotive vehicles — Types — Terminology (*first revision*)

3 DIMENSIONS OF TEMPORARY CABIN

The dimensions of the temporary cabin shall be as follows:

a) Width : 650 mm, minimum;
b) Height : 900 mm, minimum (from seat top surface); and
c) Depth (Length) : Depth of temporary Cabin shall be such that there is a 50 mm clearance from the rear most back rest when the seat is taken at the rear-most position.

4 WINDSHIELD

Front windshield shall be a transparent element like glass or acrylic will suffice. Front windshield shall have adequate visibility.

5 CANOPY

A soft top covering shall be provided to protect the driver from sun and rain. The temporary cabin super structure shall be mounted on the drive-away-chassis at minimum four points and the soft top canopy shall be anchored at minimum eight points on the super structure, so that soft top is not loose. Appropriate collar/projection (of minimum 100 mm) shall be provided to avoid rain water from entering the cabin.

6 SEATS & SEAT BELT

Original seat shall be provided with vehicle chassis, which shall be a permanent seat an affixed on the vehicle.

7 REAR VIEW MIRROR

A simple rear view mirror shall be provided for the driver to have view at the rear.

ANNEX A
(*Foreword*)

COMMITTEE COMPOSITION
Automotive Body, Chassis and Accessories Sectional Committee, TED 06

Organization	*Representative(s)*
Automotive Research Association of India, Pune	SHRI SREENIVASULU (***Chairperson***)
Asahi India Glass Limited, Rewari	SHRI DEVEN JALLY SHRI PANNEERSELVAM ARUMUGAM (*Alternate*)
Ashok Leyland Limited, Chennai	SHRI FAUSTINO V. SHRI PRASANNA VENKATESH (*Alternate*)
Automotive Component Manufactures Association of India, New Delhi	SHRI UDAY HARITE
Automotive Research Association of India, Pune	SHRI A. AKBAR BADUSHA SHRI B. S. YAMGAR (*Alternate*)
BEML Limited, Bengaluru	SHRI S. SUTHAKAR SHRI H. D. SATYANARAYANA (*Alternate*) SHRI ASHWINI KUMAR M. (*YP*)
Bajaj Auto Limited, Pune	SHRI R. NARASIMHAN SHRI ARVIND V. KUMBHAR (*Alternate*)
Central Farm Machinery Training and Testing Institute, Budni	SHRI P. K. PANDEY SHRI CHAKRADHAR V. CHIMOTE (*Alternate*)
Central Institute of Road Transport, Pune	SHRI N. R. TIWARI SHRI S. N. DHOLE (*Alternate*)
Daimler India Commercial Vehicles Private Limited, Chennai	SHRI P. DYANESWARAN SHRI RAMA MANIKANDAN (*Alternate*)
Directorate General of Quality Assurance, Ministry of Defence, New Delhi	COL P. K. SHRIVASTAV LT COL NIRANJAN OAK (*Alternate*)
Force Motors Limited, Pune	SHRI P. R. SHIVARAMAN SHRI L.B. PATIL (*Alternate*)
Hero Motocorp Limited, New Delhi	SHRI FEROZ ALI KHAN SHRI PIYUSH CHOWDHRY (*Alternate*) MOHD DANISH GAZALI (*Young Professional*)
Honda Cars India Research and Development Limited, Noida	SHRI S. MUTHU KUMAR SHRI GAGAN MANRAL (*Alternate*)
Honda Motorcycle and Scooter India Private Limited, Gurgaon	SHRI SANDEEP MISKEEN SHRI VIPIN SHARMA (*Alternate*)
International Centre of Automotive Technology, Manesar	SHRI ASHISH KUMAR SHRIMATI VIJAYANTA AHUJA (*Alternate*)
Jamna Auto Industries Limited, New Delhi	SHRI SUNIL LAROIYA SHRI ANUJ SHARMA (*Alternate*)

Organization	*Representative(s)*
Maharashtra State Road Transport Corporation, Mumbai	SHRI R. M. PAUNIKAR
Mahindra Trucks and Bus Division, Pune	SHRI NAGARAJU SHRI V. G. KULKARNI (*Alternate*)
Mahindra and Mahindra Limited, Mumbai	SHRI PRAVEEN BANSODE SHRI SHAILESH KULKARNI (*Alternate*)
Maruti Suzuki India Limited, Gurugram	SHRI SANDEEP RAINA SHRI GURURAJ RAVI (*Alternate*)
Ministry of Heavy Industries and Public Enterprises, New Delhi	SHRI B. N. DAS SHRI R. K. JAISWAL (*Alternate*)
Ministry of Micro, Small and Medium Enterprises, New Delhi	SHRI K. N. L. MURTHY SHRI P. RAMESH (*Alternate*)
Ministry of Road Transport and Highways, New Delhi	SHRI DHARKAT R. LUIKANG
Ordnance Factory Board, Vehicle Factory, Jabalpur	SHRI P. K. ARORA SHRI A. K. MAURYA (*Alternate*)
Renault India Private Limited, Mumbai	SHRI RAJENDRA KHILE SHRI S. VIVEKRAJ (*Alternate*)
SDR Auto Private Limited, Chennai	SHRI B. RAMESH
Saint-Gobain Sekurit India Private Limited, Pune	SHRI KISHORE KUMAR V.
Skoda Auto Volkswagen India Private Limite	SHRI MAKARAND BRAHME SHRI MILIND JAGATP (*Alternate*) SHRIMATI ADITI DESHPANDE (*Alternate*)
Society of Indian Automobile Manufacturers (SIAM), Delhi	SHRI PRASHANT KUMAR BANERJEE SHRI AMIT KUMAR (*Alternate*)
Tata Motors Limited, Pune	SHRI GOWRISHANKAR P. S. SHRI SHARAD SHANKAR BHOLE (*Alternate*)
Toyota Kirloskar Motor Private Limited, Bidadi	SHRI RAJU M. SHRI VIJETH R. GATTY (*Alternate*)
Vehicle Research and Development Establishment, Ahmednagar	SHRI S. MUTHUKRISHNA SHRI SAM SHAIKH (*Alternate*)
Volvo Group India Private Limited, Bengaluru	SHRI PRAMOD KUMAR HUGAR
BIS Directorate General	SHRI R. R. SINGH, SCIENTIST 'E'/DIRECTOR AND HEAD (TRANSPORT ENGINEERING) [REPRESENTING DIRECTOR GENERAL (*Ex-officio*)]

Member Secretary
SHRI GALI AJIT KUMAR
SCIENTIST 'B'/ASSISTANT DIRECTOR
(TRANSPORT ENGINEERING)

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